

GSE 553: Technology and the Role of the Educator

Course Schedule

[Complete course materials are available for registered students only at gse553.wikispaces.com]

Instructor:

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Lesson Schedule:

Tuesday July 3, 9:00 am - 4 pm

Wednesday July 4, 9:00 am - 4 pm

Monday July 9, 9:00 am - 4 pm (distance ed session)

Monday July 16, 9:00 am - 4 pm

Tuesday July 17, 9:00 am - 4 pm

Monday July 23, 9:00 am - 4 pm (distance ed session – students choice. Instructor will be at BU)

Location: Nichols 310 or Nichols 312

Course Schedule;

Date	Description / Content	Links and Tools
Monday July 3	Brain Storming Q. What is the role of a teacher? Q. What technologies do you specifically use to enable teaching and learning? Q. What technologies do you want to use to improve current process of teaching and learning? Education vs Tech trends 21st Century skills Digital natives Collaboration Project Major Essay Reading Analysis (online journal) Innovation and Creativity (group task)	Mindmeister http://www.mindmeister.com http://www.metiri.com/ http://video.google.com/videoplay?docid=-4591485025792835059&hl=en-CA http://youtube.com/watch?v=RxsOVK4syxU http://www.innovateonline.info/index.php?view=event&type=webcast

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	<p>PBL project based work / Group work Thinking visually, thinking digitally</p> <p>Introduction to Technology (WEB 2.0)</p> <p>Classroom 2.0: Sign on to collaborative site</p> <p>Hwk: RSS feeds and wikis introduction</p>	<p>Lego</p> <p>http://classroom20.ning.com</p> <p>http://simply-speaking.blogspot.com/2007/06/rss-and-wiki-in-plain-english.html http://teachdigital.pbwiki.com/googletools</p> <p>http://teachdigital.pbwiki.com/podcasting</p>
July 3	<p>Search Tools and guided searches Webquest Search</p> <p>Google and Teacher Tools Google docs and spreadsheets Google Notebook Google Reader</p> <p>Learning Styles and Multiple Intelligences test your learning style Blooms taxonomy</p> <p>Values Based Planning - how does technology enable the teacher to meet students need. How can it be measured? What indicators do we use to measure student achievement? What are some standards to measure success? How do we measure technology effectiveness?</p>	<p>http://www.google.ca http://www.msdevery.com/ http://www.sdst.org/shs/library/sqstu.html</p> <p>http://www.google.com/ig</p> <p>http://docs.google.com</p> <p>http://www.essdack.org/mi scaffolding</p> <p>http://edorigami.wikispaces.com</p> <p>Values planning- storyboard</p>
July 4	<p>Data Driven Decision Making - analysis of data - accountability, student achievement scores - capture classroom data</p> <p>Spreadsheets – working with data - mining the data - making correlations on learning - using predictors to impact performance</p>	<p>Grades.ppt</p> <p>http://www.sabine.k12.la.us/class/excel_resources.htm http://enc.org/focus/data/ http://www.nc4ea.org http://www.statcan.ca/english/edu/index.htm</p>
July 4	<p>Social Networks – Online collaboration tools - Examine the power of collaboration - Collaboration networks and tools</p>	

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	<p>(ppt)</p> <p>Wikis and Blogs – uses of Web 2.0 tools in teaching and learning Global collaboration projects, removing the boundaries (ppt)</p> <p>Classroom 2.0 revisited.... Powerpointlessness! It's in the message not the medium. Think visually.</p>	<p>http://gse553.wikispaces.com</p> <p>http://www.spresent.com</p>
Jul 9	<p>Connectivism</p> <ul style="list-style-type: none"> - what is connectivism - how does this impact learning? <p>Assignment:</p> <p>Rubrics: Rubrics are used to assess student competencies and growth in skills and knowledge.</p> <ul style="list-style-type: none"> - share favorite rubrics - develop a creating rubric wiki - create a rubric for assessing your own collaboration project. 	<p>http://www.connectivism.ca/</p> <p>http://www.elearnspace.org/</p>
Jul16	<p>Personal Learning Environments (VLE) or eLearning Platforms</p> <ul style="list-style-type: none"> - trends toward individualized learning - how does QEP meet each students needs - does standardized curriculum meet the demands of 21st century learning - how does VLE tools alter the learning environment? <p>Edu_RSS feeds pull me push you technology IM today</p>	<p>http://www.downes.ca/</p> <p>http://netvibes.com http://google.com/reader http://www.skype.com</p>
Jul 16	<p>Podcasts</p> <ul style="list-style-type: none"> - Use of audio files - use of video <p>Going digital</p> <ul style="list-style-type: none"> - evaluate use of digital elements in the classroom. -create PMI about use of media in the learning (podcasts, video) - Discuss the relevance of united 	<p>http://edtechtalk.com http://famundo.com</p> <p>iTunes</p> <p>Cool Web 2.0 tools</p>

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	<p>streaming and YouTube...impact on education. How do these tools impact your role as a teacher.</p> <p>Use of digital images in the classroom</p> <ul style="list-style-type: none"> - digital cameras - video - slide shows <p>What do we learn from the movies?</p>	<p>http://www.unitedstreaming.com</p> <p>http://www.flickr.com http://www.slideshare.com</p>
Jul 17	<p>Future of education</p> <ul style="list-style-type: none"> - Convergence or divergence. Is the traditional school dead? - future of learning online - schools as social places - role of the teacher - what content? What skills? - schools having control. <p>Educational gaming</p> <p>Artificial intelligence and virtual reality</p>	<p>http://www.secondlife.com http://umindsoft.com</p>
Jul 17	<p>Classroom Management</p> <ul style="list-style-type: none"> - what are some key characteristics of managing our future learning environment <ul style="list-style-type: none"> - blended learning - authentic assessment - self motivated - read/write web tools - collaboration - global connectivity - tech pervasiveness - lack of control! - mastering the art of learnativity. 	
Jul 23	<p>Class presentations</p> <ul style="list-style-type: none"> - collaborative project - essay due - presentation of <p>Use of video analysis of teacher performance (self reflection)</p> <p>Using social networks for professional development (ppt)</p> <p>Measuring teacher effectiveness using Web 2.0 tools</p>	

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Jul 23	Presentations and wrap up	
	Discovery sessions – class resource pages... blogs and wikis Evaluation: What have I learned?	http://www.zoho.com